

**NAD**

# **SERVICE MANUAL**

# **2240PE**

**POWER AMPLIFIER**

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-2240PE-

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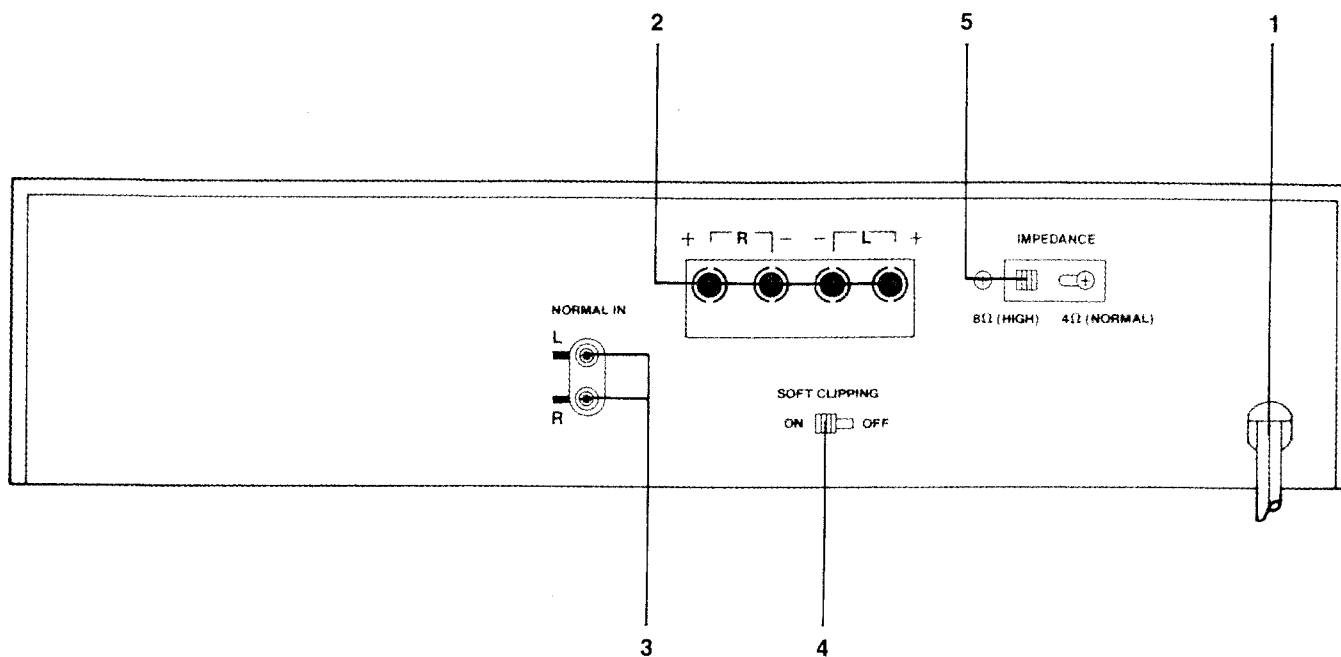
## REAR PANEL

1. AC Line Cord.
2. Speakers.
3. Normal Inputs.
4. Soft Clipping.
5. Speaker Impedance.

### CAUTION

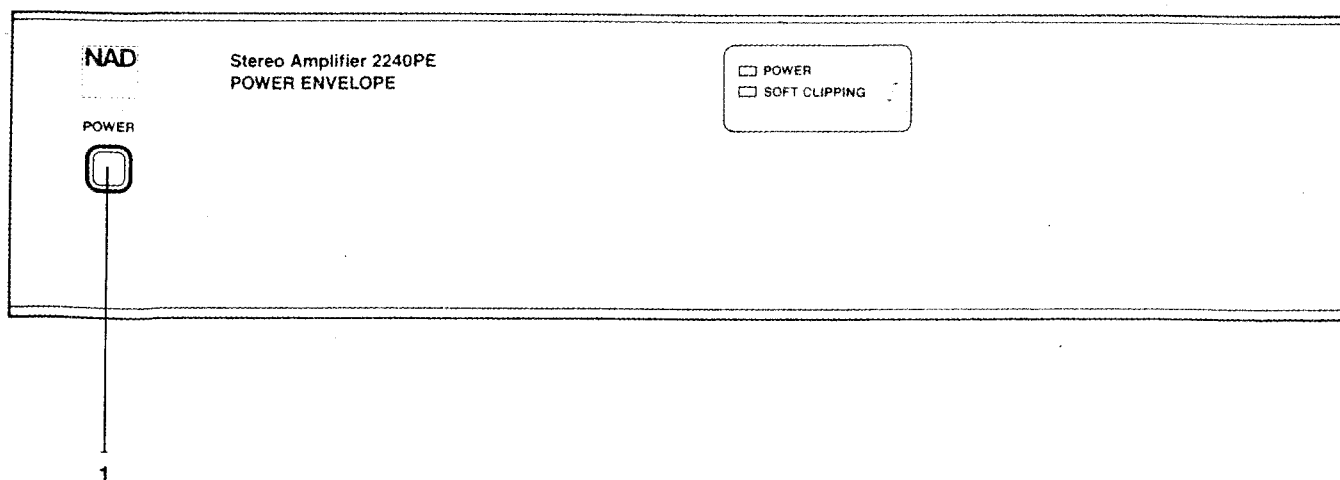
RISK OF ELECTRIC SHOCK  
DO NOT OPEN

CAUTION TO REDUCE  
THE RISK OF ELECTRIC  
SHOCK, DO NOT REMOVE  
COVER (OR BACK).  
NO USER-SERVICEABLE  
PARTS INSIDE. REFER  
SERVICING TO QUALIFIED  
SERVICE PERSONNEL.



## FRONT PANEL

1. Power.



## Specifications

### NAD 2240PE Stereo Amplifier

Note: Specifications are measured in accordance with EIA Standard RS-490 (IHF A-202). Measurements referred to 8 ohm are taken with the Speaker Impedance selector set to 8 ohm (High). Measurements for 4 and 2 ohm are taken with impedance selector at 4 ohm (Normal).

### Power Amplifier Section

#### CONTINUOUS AVERAGE POWER

OUTPUT AT 8 OHM (minimum RMS 40W(16 dBW)

power per channel, both channels driven,  
with no more than the rated distortion)

Rated distortion (THD), 20 Hz - 20 kHz 0.03%

Clipping power, 1 kHz (maximum 50 W

continuous power per channel)

Dynamic Headroom at 8 ohm +6 dB

Dynamic power (maximum 8 ohm 160 W

short-term power per channel) 4 ohm 200 W

2 ohm 250 W

Damping factor >50

Slew factor >50

Slew rate 15V/usec

T.H.D. and SMPTE I.M. distortion from <0.03%

250 mW to rated output

IHF I.M. (CCIF IM) and T.I.M. distortion <0.03%

at rated output

Input impedance 22 kohm

Input sensitivity for 1 W<sub>a</sub>/40 W<sub>o</sub> 160 mV/1.0 V

Power amp gain 25 dB (18X)

Low Level (audio muting) -20 dB

#### Physical Specifications

Width x Height x Depth 42 x 10.8 x 38 cm.

16.5 x 4.25 x 15 in.

Net Weight 6.425 kg

Shipping Weight 7.72 kg

Power Consumption 50/60 Hz at 110, 120,  
220, or 240 VAC  
200 W

## ALIGNMENT METHOD

### AUDIO SECTION 2240PE

#### IMPORTANT

Speaker Impedance switch should be in 8 ohm position while adjusting center voltage and idling current.

#### INITIAL ADJUSTMENT (No load connected)

##### A. CENTER VOLTAGE

1. Connect DC millivoltmeter to L channel output terminals.
2. Turn on and adjust to  $0\text{ V} \pm 30\text{mV}$  with VR401 (10KB). Connect DC millivoltmeter to R channel output terminals and adjust VR402 to  $0\text{ V} \pm 30\text{mV}$ .

##### B. IDLING CURRENT

1. Remove solder short across R461 and R462.
2. Connect DC millivoltmeter across R471 (1 ohm) (output transistor's collector resistor) and adjust VR403 (1KB) for 26 - 30mV reading on meter. Repeat adjust with VR404 (1KB), connecting meter across R472 (1 ohm).
3. leave power on for minimum 5 minutes.

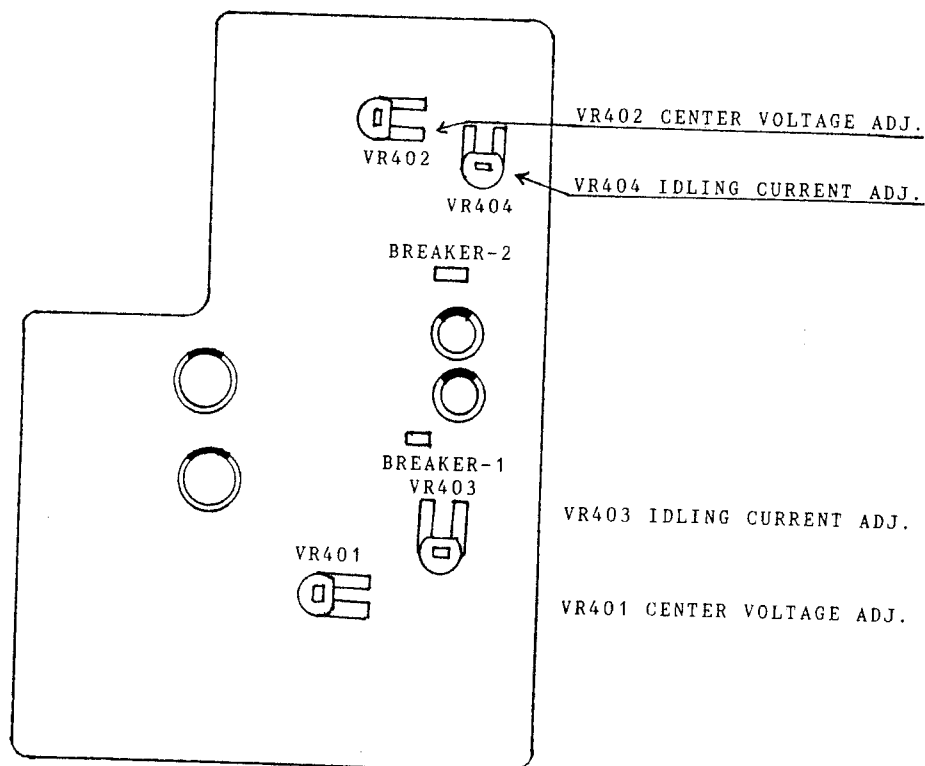
#### FINAL ADJUSTMENT

##### C. CENTER VOLTAGE

1. Repeat step A above.

##### D. IDLING CURRENT

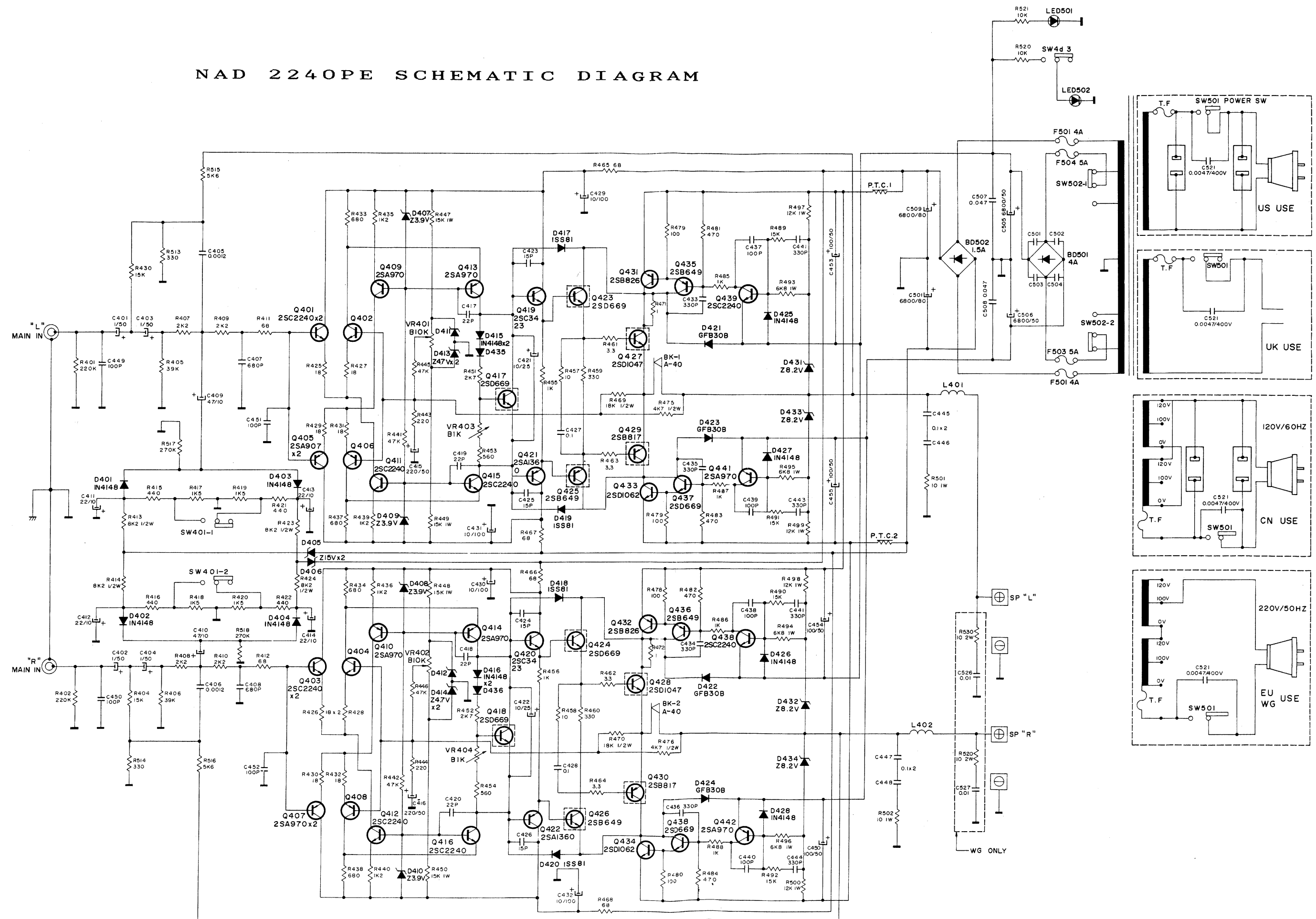
1. Repeat step B and adjust with VR403, VR404 for 30mV reading on meter.
2. After the alignment is finished, 1 ohm resistor R471, R472 is shorted by solder short.



AMPLIFIER ADJUSTMENT POINTS



# NAD 2240PE SCHEMATIC DIAGRAM



## NAD 2240PE PARTS LIST

FR GP UK EU AS SA										PARTS NUMBER		DESCRIPTION		SPECIFICATION Q'TY		UNIT
FR	GP	UK	EU	AS	SA	JP	US	CN	WG	EP	UT	JP				
MAIN-AMP																
*													L902A015G01	PCS		
		*											L902A015G02	PCS		
			*										L902A015G03	PCS		
				*									L902A015G04	PCS		
					*								L902A015G05	PCS		
						*							L902A015G06	PCS		
				*									L902A015G07	PCS		
					*								L902A015G08	PCS		
				*									L902A015G09	PCS		
*	*												MAIN AMP-UNIT			
		*											L923A018G01	PCS		
			*										L923A018G02	PCS		
				*									L923A018G03	PCS		
					*								L923A018G04	PCS		
				*									L923A018G05	PCS		
				*									L923A018G06	PCS		
				*									L923A018G07	PCS		
				*									L923A018G08	PCS		
				*									L923A018G09	PCS		
*	*												ACCESSORY-ASSY			
		*											L989D042G01	PCS		
			*										L989D042G02	PCS		
				*									L989D042G03	PCS		
				*									L989D042G04	PCS		
				*									L989D042G05	PCS		
*	*												L851D054H08	PCS		
			*										L851D054H09	PCS		
				*									L851D054H02	PCS		
				*									L851D054H01	PCS		
				*									L851D054H05	PCS		
				*									L851D054H04	PCS		
				*									L851D054H03	PCS		
				*									L851D054H07	PCS		
				*									L851D054H06	PCS		
*	*	*	*	*	*	*	*	*	*	*	*	*	U096S004H03	PCS		
*	*	*	*	*	*	*	*	*	*	*	*	*	30MM*2 PCS	M		
*	*	*	*	*	*	*	*	*	*	*	*	*	TAPE, 750MM*2	PCS		
*	*	*	*	*	*	*	*	*	*	*	*	*	U096S004H01	PCS		
*	*	*	*	*	*	*	*	*	*	*	*	*	U83AS006H07	PCS		
*	*	*	*	*	*	*	*	*	*	*	*	*	U83AS006H07	PCS		
*	*	*	*	*	*	*	*	*	*	*	*	*	L831D002H01	PCS		
*	*	*	*	*	*	*	*	*	*	*	*	*	BAG-POLY	PCS		
*	*	*	*	*	*	*	*	*	*	*	*	*	CARTON-OUTER	PCS		
*	*	*	*	*	*	*	*	*	*	*	*	*	CARTON-	PCS		
*	*	*	*	*	*	*	*	*	*	*	*	*	L800D003H05	PCS		
*	*	*	*	*	*	*	*	*	*	*	*	*	STYRO PACKING	PCS		
*	*	*	*	*	*	*	*	*	*	*	*	*	L851D061H01	PCS		
*	*	*	*	*	*	*	*	*	*	*	*	*	SHEET PACKING	PCS		
*	*	*	*	*	*	*	*	*	*	*	*	*	L851D057H08	PCS		
*	*	*	*	*	*	*	*	*	*	*	*	*	L908A017G10	PCS		
*	*	*	*	*	*	*	*	*	*	*	*	*	LABEL SERIAL	PCS		
*	*	*	*	*	*	*	*	*	*	*	*	*	FULL BLOCK ASSY	PCS		
													L908A017G11	PCS		
		*	*	*	*	*	*	*	*	*	*	*	L908A017G12	PCS		
			*	*	*	*	*	*	*	*	*	*	L908A017G13	PCS		
				*	*	*	*	*	*	*	*	*	L908A017G14	PCS		
				*	*	*	*	*	*	*	*	*	L908A017G15	PCS		
				*	*	*	*	*	*	*	*	*	L908A017G16	PCS		
MAIN CHASSIS																
		*											L547B014G10	PCS		ASSY
			*										L547B014G20	PCS		ASSY
			*										L547B014G30	PCS		ASSY
			*										L547B014G40	PCS		ASSY
			*										L547B014G50	PCS		ASSY
			*										L547B014G60	PCS		ASSY
*	*	*	*	*	*	*	*	*	*	*	*	*	L547B029G10	PCS		FRAM-L ASSY
			*										L547B029G11	PCS		
			*										L547B029G12	PCS		
			*										L547B029G13	PCS		
		*	*	*	*	*	*	*	*	*	*	*	L241B120G01	PCS		FRAM-L ASSY
		*	*	*	*	*	*	*	*	*	*	*	L241B120G02	PCS		
		*	*	*	*	*	*	*	*	*	*	*	L241B092G60	PCS		PCB LED ASSY
		*	*	*	*	*	*	*	*	*	*	*	KNOB-POWER	PCS		
		*	*	*	*	*	*	*	*	*	*	*	L704D061H02	PCS		T-SCREW, COVER BACK FIX
		*	*	*	*	*	*	*	*	*	*	*	U656S164H24	PCS		1-3*8
		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		2-3*6
		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		2-3*6
		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		T-SCREW, LED-PCB FIX
		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		T-SCREW, SHEET-PCB FIX
		*	*	*	*	*	*	*	*	*	*	*	L090D003H01	PCS		SHEET-INSULATING
		*	*	*	*	*	*	*	*	*	*	*	U656S264H23	PCS		T-SCREW, PANEL FIX
		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		2-3*6
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		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		2-3*6
		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		2-3*6
		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		2-3*6
		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		2-3*6
		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		2-3*6
		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		2-3*6
		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		2-3*6
		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		2-3*6
		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		2-3*6
		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		2-3*6
		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		2-3*6
		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		2-3*6
		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		2-3*6
		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		2-3*6
		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		2-3*6
		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		2-3*6
		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		2-3*6
		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		2-3*6
		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		2-3*6
		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		2-3*6
		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		2-3*6
		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		2-3*6
		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		2-3*6
		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		2-3*6
		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		2-3*6
		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		2-3*6
		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		2-3*6
		*	*	*	*	*	*	*	*	*	*	*	U656S263H23	PCS		2-3*6
		*	*	*	*	*	*	*	*</							

## NAD 2240PE PARTS LIST

[illegible]



FR	GP	UK	EU	AS	SA	PARTS NUMBER	DESCRIPTION	SPECIFICATION Q'TY	UNIT
US	CN	WG	EP	UT	JP	L703B033G50			PCS
						L703B033G60			PCS
						L703B033G70			PCS
						L703B033G80			PCS
						L703B033G90			PCS
						L241B121G01	PCB-POST ASSY		PCS
						L241B121G02			PCS
						U650S063H19	SCREW-B, SW#2 POST#4	M3*6	6
						U670S003H02	NUT, BIND POST	M3	4
						L241C069G01	PCB-PCA JACK	ASSY	PCS
						U656S164H24	T-SCREW, PCA JACK FIX	1-3*8	2
						L582A011H01	COVER-BACK		PCS
						L582A011H02			PCS
						L582A011H03			PCS
						L242V501H01	POWER-CORD		PCS
						U242C872H06			PCS
						U242C809H19			PCS
						L242Y013H01			PCS
						L242C310H01			PCS
						L449Y002H01	SOCKET		PCS
						L840D009H01	COVER-AC SOCKET		PCS
						L431Y013H01	SW-SLIDE		PCS
						L431Y016G01			PCS
						L851D063H01	AC CORD TAG		PCS
						L851D070H01			PCS
						L540D501H01	CLAMPER		PCS
						U243C421H10	LEAD	BRN	1
						L243C066H28		BLU	2
						U053S271H05	SOLDER-RESIN		1.6
						U053S271H05			0.4
						L703D027H01	SW FIX PLATE		1
						L851B004H08	LABEL-DBP		1
						L452C001G01	TERMINAL-SP		1
						L452C001G02			1
						L241A039H13	PCB-AMP, POST USE		PCS
						L704C013H01	HAND-POST		PCS
						L704C013H02			PCS
						L704C013H04			PCS
						L541B018H01	HOLDER-POST		PCS
						L685C001H01	POST		PCS
						L685C002H01	HAND-POST		PCS
						L680C006H01	WASHER-POST		PCS
						U670S003H02	NUT		PCS
						L241C066H01	PCB-SUB		PCS
						L241C068H11	PCA JACK	M3	1
						L440Y016H01	JACK-PCA		PCS
						L242C096H26	LEAD-SHIED	BLU	1

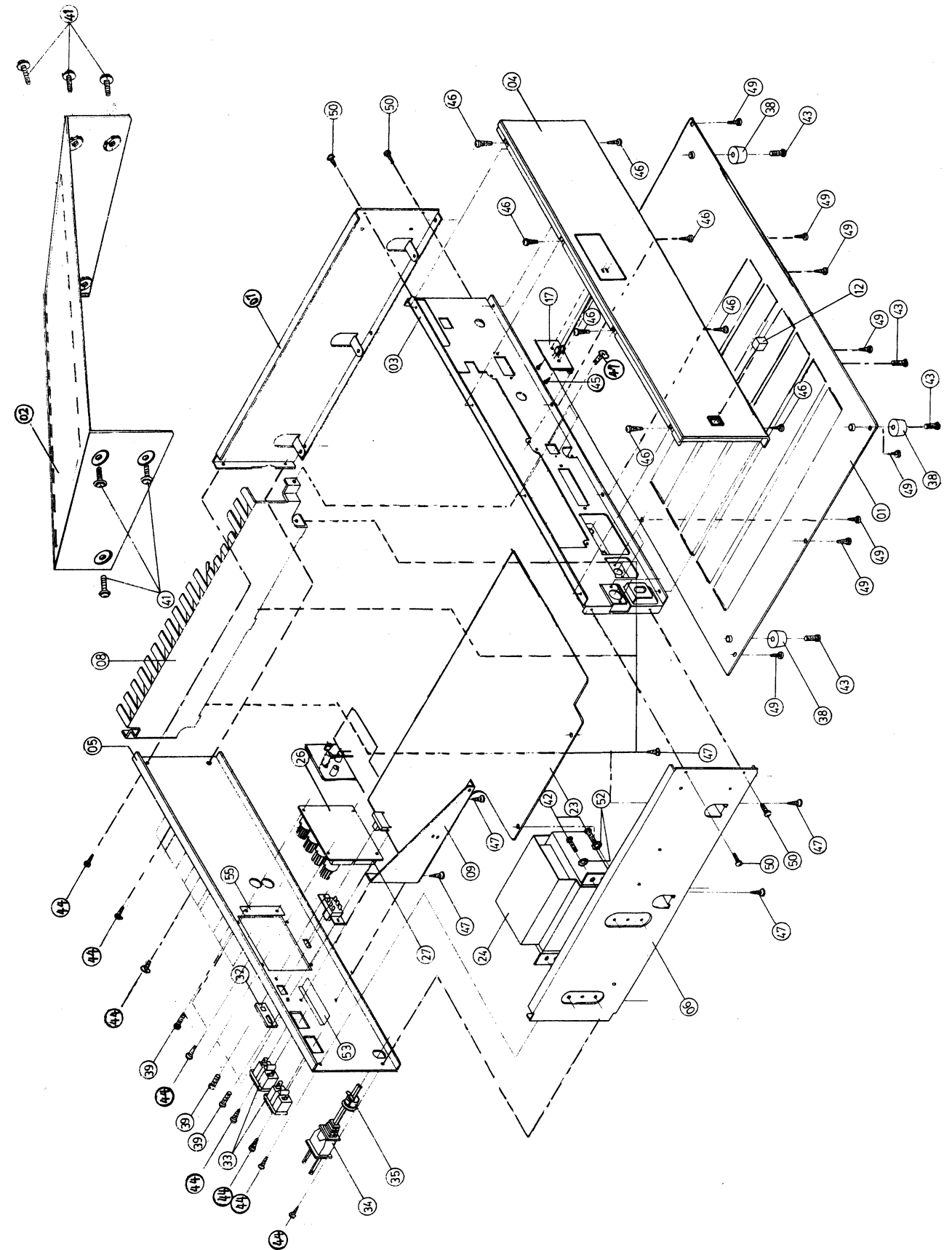
FR	GP	UK	EU	AS	SA	PARTS NUMBER	DESCRIPTION	SPECIFICATION Q'TY	UNIT
US	CN	WG	EP	UT	JP	L242C076H35	LEAD-SHIELD		PCS
						L242D507H08	LEAD	BLU	1
						L582A001H01	CHASSIS-MAIN		PCS
						L851D071H02	LABEL-WARNING		PCS
						U650S063H19	SCREW-B, SW-POWER FIX	M3*6	2
						L432Y517H01	SW-PUSH		PCS
						L230Y005H03	COVER-CAPACITOR		PCS
						U140Y007H07	C-CERAMIC, C521	400V 472M	1
						U243C426H39	LEAD	BLU	1
						U243C421H34	CONNECTOR	BRN	1
						L230Y003H01			PCS
						L230Y003H01			PCS
						U073S722H65	TUBE-VINYL	35 DIA BLK	0.65
						U241C068H12	PCB-SUB, POWER SW		PCS
						U838S101H03	BANK		PCS
						L073S001H23	TUBE-UL, 18MM#1	PCS	1
						L085D002H01	BOND-3M	11 DIA	18
						U073S722H23	TAPE VINYL		0.1
						U085S093H02	LOCK-TIGHT		0.15
						L350Y083H01	TRANS-POWER		0.6
						L350Y085H01			PCS
						L350Y086H01			PCS
						L350Y087H01			PCS
						L547B005H01	FRAME(L)		PCS
						U680S322H04	WASHER-TOOTHED	4	4
						U650S063H95	SCREW-B, TRANS FIX	M4*5	4
						L230Y003H01	CONNECTOR		PCS
						L980C108G30	PARTS-LIST		3
						U283S017H17	FUSE	5A-UL	2
						U283S022H28	FUSE	5A-SEMKO	2
						U283S017H16	FUSE	4A-UL	2
						U283S022H22	FUSE	4A-SEMKO	2
						L243C080H73	LEAD, S, P GND		PCS
						L243C081H48	S, P L	BRN	1
						L243C082H50	S, P L	RED	1
						L260D063H02	TRANSISTOR, Q429	Q430	2
						L260D064H02	Q427 Q428	2SD1047(E)	2
						L260D021H05	Q425 Q426	2SB649A(C)	2
						L260D024H05	Q417 Q418 Q423 Q424	2SD669A(C)	4
						U053S271H05	SOLDER-RESIN		2.35
						L241A039H02	PCB-AMP		1
						L541C017H01	ANGLE-PCB		1
						L565B005H01	HEAT SINK		1
						U680S322H03	WASHER-SPRING	3	10
						U670S201H02	NUT-B5	M3	10
						U667S001H05	BOLT	3	10
						U656S263H23	ANGLE/HEAT SINK FIX	T-SCREW 2-3*6	5

FR	GP	UK	EU	AS	SA	PARTS NUMBER	DESCRIPTION	SPECIFICATION Q'TY	UNIT
US	CN	WG	EP	UT	JP	U656S263H23	TR FIX(ON SMALL HEAT SINK) 2-3*6		PCS
						L242C076H35	LEAD-SHIELD, RD		PCS
						L243C299H05	SOFT CLIPPING		PCS
						L243C299H05	LEAD	WHT	1
						U070S670H10	SVGS-UL	10 DIA	0.5
						L431Y014H01	SW-SLIDE	JW-01	1
						U053S271H04	SOLDER-RESIN		13
						U243D200H01	W314, 315, 316, 317, 318, 319	LEAD-JP, L:10	0.3
						U243D200H01	W320, 321, 322, 323, 324, 325	L:10	0.3
						U243D200H01	W326, 327, 328, 329, 330, 331	L:10	0.3
						U243D200H01	W332, 333, 334, 335, 336, 337	L:10	0.3
						U243D200H01	W338, 340, 341, 342, 345, 346	L:10	0.3
						U243D200H01	W347 W238 W252	L:10	0.15
						L103Y214H62	R-CARBON, R471, 472	1/4W 1-J	2
						L103Y214H64	R425, 426, 427, 428, 429, 430	1/4W 18-J	2
						L103Y214H64	R431 R432	1/4W 18-J	2
						L103Y214H64	R457 R458	1/4W 10-J	2
						L103Y214H06	R411 R414	1/4W 68-J	2
						L103Y214H07	R477 R478 R479 R480	1/4W 100-J	2
						L103Y214H11	R443 R444	1/4W 220-J	2
						L103Y214H13	R459 R460	1/4W 330-J	2
						L103Y214H15	R481 R482 R483 R484	1/4W 470-J	2
						L103Y214H16	R453 R454	1/4W 560-J	2
						L103Y214H17	R433 R434 R437 R438	1/4W 680-J	2
						L103Y214H19	R456 R455	1/4W 1K-J	2
						L103Y214H20	R435 R436 R439 R440	1/4W 1K-J	2
						L103Y214H21	R417 R418 R419 R420	1/4W 1.5K-J	4
						L103Y214H23	R407 R408 R409 R410	1/4W 2.2K-J	4
						L103Y214H24	R452	1/4W 2.7K-J	1
						L103Y214H28	R515 R516	1/4W 5.6K-J	2
						L103Y214H33	R489, 490, 491, 492, 493, 494	1/4W 39K-J	6
						L103Y214H38	R405 R406	1/4W 39K-J	2
						L103Y214H39	R-CARBON, R411, 412, 415, 446	1/4W 47K-J	4
						L103Y214H47	R401 R402	1/4W 220K-J	2
						L103Y214H48	R517 R518	1/4W 270K-J	2
						L103Y214H92	R415 R416 R421 R422	1/4W 440-J	4
						L264Y220H01	D401, 402, 403, 404, 435, 436	DIODE, 1N4148	6
							D415, 416, 425, 426, 427, 428		PCS
						L140Y306H10	C-CERAMIC, C407 C408	50V 681K	2
						L140Y203H19	C417 C418 C419 C420	50V 22J	4
						L140Y203H35	C437 C438 C439 C440	50V 101J	4
						L140Y203H35	C449 C450 C451 C452	50V 101J	4
						L150Y308H47	C433 C434 C435 C436	50V 331J	4
						L150Y308H47	C441 C442 C443 C444	50V 331J	4
						L140Y203H15	C425 C426 C423 C424	50V 15J	4
						L140Y306H39	C501 C502 C503 C504	50V 223Z	4
						L140Y306H45	C507 C508	50V 473Z	2
						L140Y201H25	C445 C446 C447 C448	25V 104K	4
						L172Y306H02	C-POLY, C405 C406	50V 122J	2

FR	GP	UK	EU	AS	SA	PARTS NUMBER	DESCRIPTION	SPECIFICATION	Q'TY	UNIT
US	CN	WG	EP	UT	JP	L172Y306H25	C427 C428	50V 104J	2	PCS
						U182S333H40	C-ELECT, C402 C403 C404	50V 1	3	PCS
						U182Y322H34	C421 C422	25V 10	2	PCS
						U182Y322H34	C411 C412 C413 C414	16V 22	4	PCS
						L182Y322H13	C490 C410	10V 47	2	PCS
						L450D501H01	FUSE-HOLDER		8	PCS
						L260D037H01	Q405, 406, 407, 408, 409, 410	2SA9701(GR)	6	PCS
						L260D037H01	Q413 Q414 Q441 Q442	2SA9701(GR)	4	PCS
						L260D038H01	Q401, 402, 403, 404, 411, 412	2SC2240(GR)	6	PCS
						L260D038H01	Q415 Q416 Q439 R440	2SC2240(GR)	4	PCS
						L260D021H05	Q435 Q436	2SB649A(C)	2	PCS
						L260D024H05	Q437 Q438	2SB669A(C)	2	PCS
						L260D039H01	Q421 Q422	2SA1360(V)	2	PCS
						L260D060H01	Q419 Q420	2SC4423(V)	2	PCS
						L260D061H03	Q431 Q432	2SB826	2	PCS
						L260D062H03	Q433 Q434	2SD1062	2	PCS
						L565D502H01	RADIATOR		4	PCS
						U264S010H01	D417 D418 D419 D420	DIODE, 1SS81	4	PCS
						U164D022H01	D421 D422 D423 D424	GFB30(B)	4	PCS
						L264C003H16	D407 D408 D409 D410	UZ-3.9B	4	PCS
						L164C003H20	D411 D412 D413 D414	UZ-4.7B	4	PCS
						L264C003H36	D433 D434 D431 D432	UZ-8.2B(M)	4	PCS
						L264C003H53	D405 D406	UZ-15BL	2	PCS
						L264D017H01	BD501	PB133M	1	PCS
						L264D018H01	BD501	PBL403	1	PCS
						L422Y001H14	BREAKER, BK-1, BK-2	A-40	2	PCS
						L127Y003H02	VR, VR403 VR404	BIK	2	PCS
						L127Y003H07	SVR, VR401 VR402	BIK	2	PCS
						L361Y023H01	COIL SPRING		2	PCS
						L265Y01H06	PTC	RED 185A	2	PCS
						U68S5223H01	PIN		5	PCS
						U243S001H04	W349 W350 W351 W352	LEAD-JP, L:5	0.14	M
						U103S017H13	R-CARBON, R513 R514	1/4W 330-J	2	PCS
						U103S017H24	R451	1/4W 2.7K-J	1	PCS
						L103Y022H62	R520	1/4W 1-J	0.1	PCS
						L103Y022H31	R413 R414 R423 R424	1/4W 10K-J	1	PCS
						L103Y041H30	R475 R476	1/2W 8.2K-J	4	PCS
						L103Y041H37	R469 R470	1/2W 4.7K-J	2	PCS
						L103Y041H34	R-METER, R501 R502	1/2W 18K-J	2	PCS
						U103S007H01	R493 R494 R495 R496	1W 10-J	2	PCS
						U103S007H35	R497 R498 R499 R500	1W 6.8K-J	4	PCS
						U103S007H39	R447 R448 R449 R450	1K 15K-J	4	PCS
						U103S140H60	R-CARBON, R461, 462, 463, 464	1/3W 3.3-J	4	PCS
						U103S140H06	R465 R466 R467 R468	1/3W 68-J	4	PCS
						U103S140H19	R485 R486 R487 R488	1/3W 1K-J	4	PCS
						U105S006H46	R-METAL, R520, 521	2W 10-J	4	PCS
						U105S005H27	C-CERAMIC, C526 C527	50V 103Z	2	PCS
						U182S022H68	C-ELECT, C453, 454, 455, 456	50V 100	4	PCS

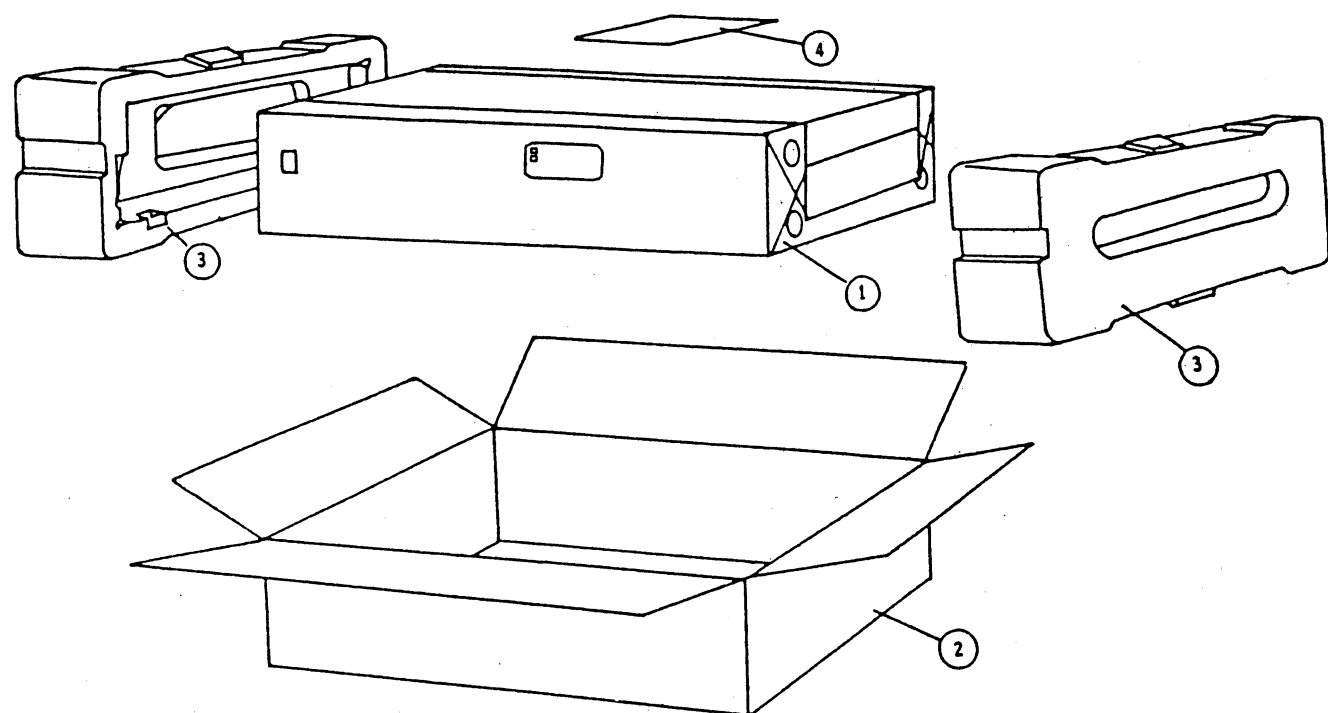
2240PE EXPLODED LIST										Q'TY	
FR	GP	UK	EU	AS	SA	US	CN	WG	EP	UT	JP
ITEM	PARTS NO.	NAME	SPECIFICATION Q'TY UNIT							Q'TY	
01	L380A002H01	COVER BOTTOM	50V 1	4	PCS						
02	L361A010H01	CABINET	50V 220	2	PCS						
03	L582A001H01	CHASSIS, FRONT SUB	50V 6800	2	PCS						
04	L702A047H01	PANEL, FRONT	80V 6800	2	PCS						
05	L582A011H01	PANEL, REAR	100V 16	4	PCS						
06	L582A011H01	PANEL, REAR	2P	1	PCS						
07	L582A011H01	PANEL, REAR	2P	1	PCS						
08	L582A011H01	PANEL, REAR	2P	1	PCS						
09	L582A011H01	PANEL, REAR	2P	1	PCS						
10	L582A011H01	PANEL, REAR	2P	1	PCS						
11	L582A011H01	PANEL, REAR	2P	1	PCS						
12	L582A011H01	PANEL, REAR	2P	1	PCS						
13	L582A011H01	PANEL, REAR	2P	1	PCS						
14	L582A011H01	PANEL, REAR	2P	1	PCS						
15	L582A011H01	PANEL, REAR	2P	1	PCS						
16	L582A011H01	PANEL, REAR	2P	1	PCS						
17	L582A011H01	PANEL, REAR	2P	1	PCS						
18	L582A011H01	PANEL, REAR	2P	1	PCS						
19	L582A011H01	PANEL, REAR	2P	1	PCS						
20	L582A011H01	PANEL, REAR	2P	1	PCS						
21	L582A011H01	PANEL, REAR	2P	1	PCS						
22	L582A011H01	PANEL, REAR	2P	1	PCS						
23	L582A011H01	PANEL, REAR	2P	1	PCS						
24	L582A011H01	PANEL, REAR	2P	1	PCS						
25	L582A011H01	PANEL, REAR	2P	1	PCS						
26	L582A011H01	PANEL, REAR	2P	1	PCS						
27	L582A011H01	PANEL, REAR	2P	1	PCS						
28	L582A011H01	PANEL, REAR	2P	1	PCS						
29	L582A011H01	PANEL, REAR	2P	1	PCS						
30	L582A011H01	PANEL, REAR	2P	1	PCS						
31	L582A011H01	PANEL, REAR	2P	1	PCS						
32	L582A011H01	PANEL, REAR	2P	1	PCS						
33	L582A011H01	PANEL, REAR	2P	1	PCS						
34	L582A011H01	PANEL, REAR	2P	1	PCS						
35	L582A011H01	PANEL, REAR	2P	1	PCS						
36	L582A011H01	PANEL, REAR	2P	1	PCS						
37	L582A011H01	PANEL, REAR	2P	1	PCS						
38	L582A011H01	PANEL, REAR	2P	1	PCS						
39	L582A011H01	PANEL, REAR	2P	1	PCS						
40	L582A011H01	PANEL, REAR	2P	1	PCS						
41	L582A011H01	PANEL, REAR	2P	1	PCS						
42	L582A011H01	PANEL, REAR	2P	1	PCS						
43	L582A011H01	PANEL, REAR	2P	1	PCS						
44	L582A011H01	PANEL, REAR	2P	1	PCS						

# EXPLODED VIEW



# SERVICE MANUAL

## 2240PE POWER AMPLIFIER



2240PE PACKING LIST

ITEM	NUMBER	NAME	Q'TY
1	L831D002H01	Bag-Poly	1
2	L800D003H05	Carton Individual	1
3	L813A006H01	Styro Packing	2
4	L871B003H75	Instruction	1
	OR L871B004H42	Instruction, WG only	

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BOSTON/LONDON